

Test Laboratory: Compliance Certification Services

HAC_ER_Device - Closed

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 L-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 61.1 V/m

Probe Modulation Factor = 0.850

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 91.8 V/m; Power Drift = 0.010 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

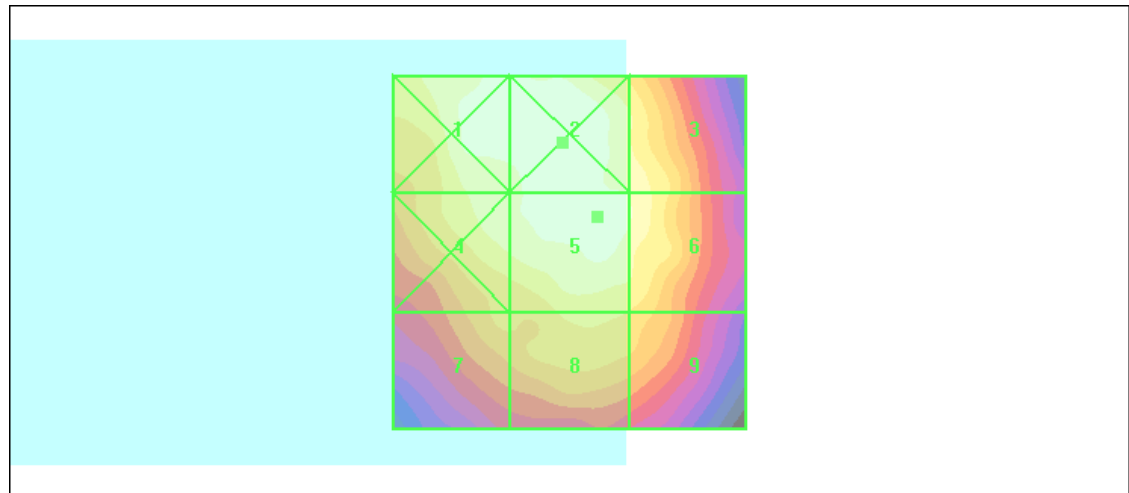
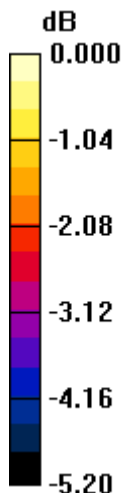
Grid 1 60.1 M4	Grid 2 61.4 M4	Grid 3 58.8 M4
Grid 4 58.9 M4	Grid 5 61.1 M4	Grid 6 59.2 M4
Grid 7 53.1 M4	Grid 8 55.3 M4	Grid 9 54.3 M4

Cursor:

Total = 61.4 V/m

E Category: M4

Location: 1, -15.5, 8.7 mm



0 dB = 61.4V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device - Closed

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 M-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 67.6 V/m

Probe Modulation Factor = 0.850

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 102.0 V/m; Power Drift = -0.163 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

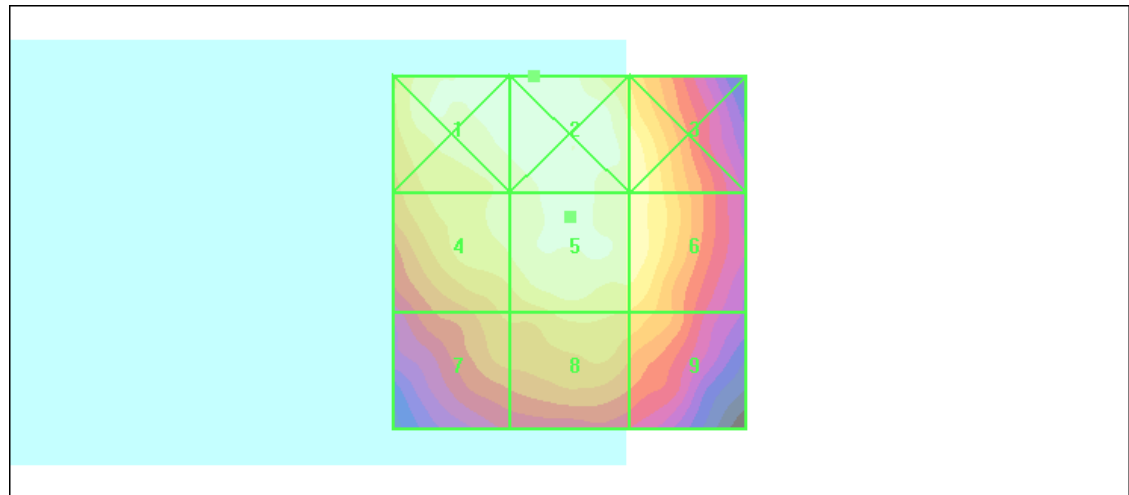
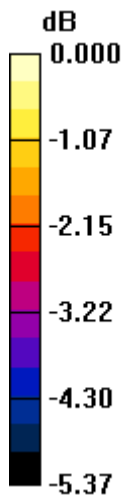
Grid 1 67.0 M4	Grid 2 68.3 M4	Grid 3 65.2 M4
Grid 4 64.3 M4	Grid 5 67.6 M4	Grid 6 65.1 M4
Grid 7 58.5 M4	Grid 8 61.3 M4	Grid 9 60.1 M4

Cursor:

Total = 68.3 V/m

E Category: M4

Location: 5, -25, 8.7 mm



0 dB = 68.3V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device - Closed

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 H-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 64.8 V/m

Probe Modulation Factor = 0.850

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 95.5 V/m; Power Drift = -0.308 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

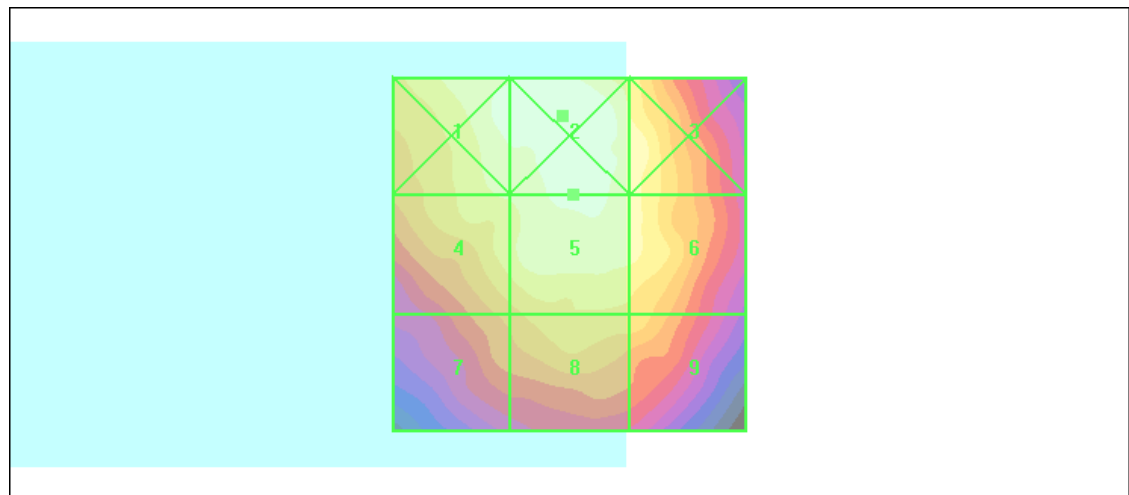
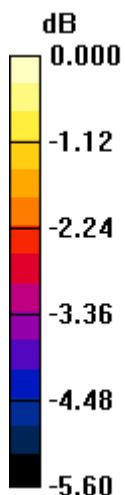
Grid 1 64.3 M4	Grid 2 65.8 M4	Grid 3 63.0 M4
Grid 4 61.0 M4	Grid 5 64.8 M4	Grid 6 61.6 M4
Grid 7 54.3 M4	Grid 8 57.8 M4	Grid 9 57.2 M4

Cursor:

Total = 65.8 V/m

E Category: M4

Location: 1, -19.5, 8.7 mm



0 dB = 65.8V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device - Open

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 L-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 70.2 V/m

Probe Modulation Factor = 0.850

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 108.5 V/m; Power Drift = -0.307 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

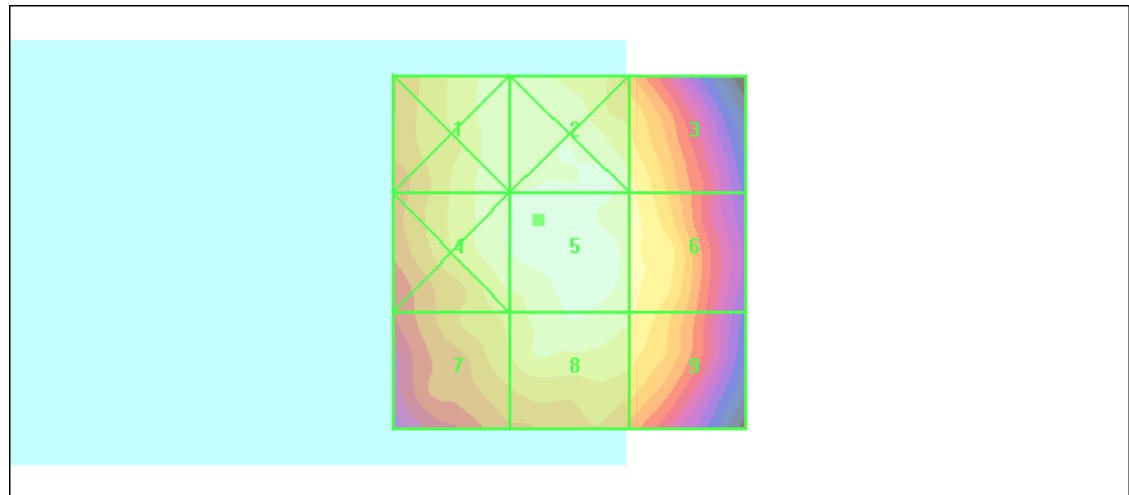
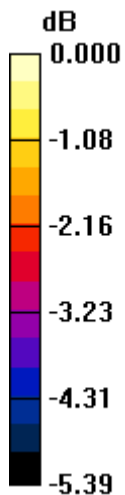
Grid 1 67.2 M4	Grid 2 68.9 M4	Grid 3 65.6 M4
Grid 4 67.8 M4	Grid 5 70.2 M4	Grid 6 66.2 M4
Grid 7 63.2 M4	Grid 8 67.7 M4	Grid 9 65.0 M4

Cursor:

Total = 70.2 V/m

E Category: M4

Location: 4.5, -4.5, 8.7 mm



0 dB = 70.2V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device - Open

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 M-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 71.2 V/m

Probe Modulation Factor = 0.850

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 108.4 V/m; Power Drift = 0.217 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

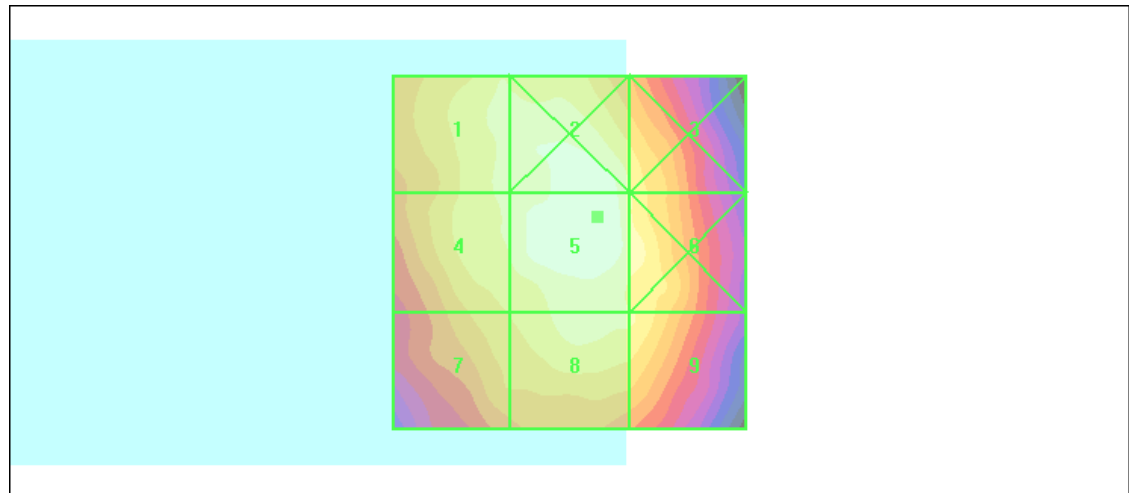
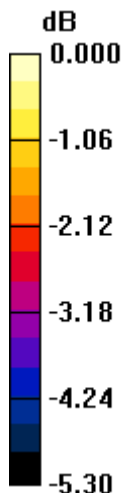
Grid 1 66.6 M4	Grid 2 71.2 M4	Grid 3 65.9 M4
Grid 4 66.4 M4	Grid 5 71.2 M4	Grid 6 67.7 M4
Grid 7 63.2 M4	Grid 8 67.1 M4	Grid 9 66.0 M4

Cursor:

Total = 71.2 V/m

E Category: M4

Location: -4, -5, 8.7 mm



0 dB = 71.2V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device - Open

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 H-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 73.5 V/m

Probe Modulation Factor = 0.850

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 111.7 V/m; Power Drift = -0.113 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

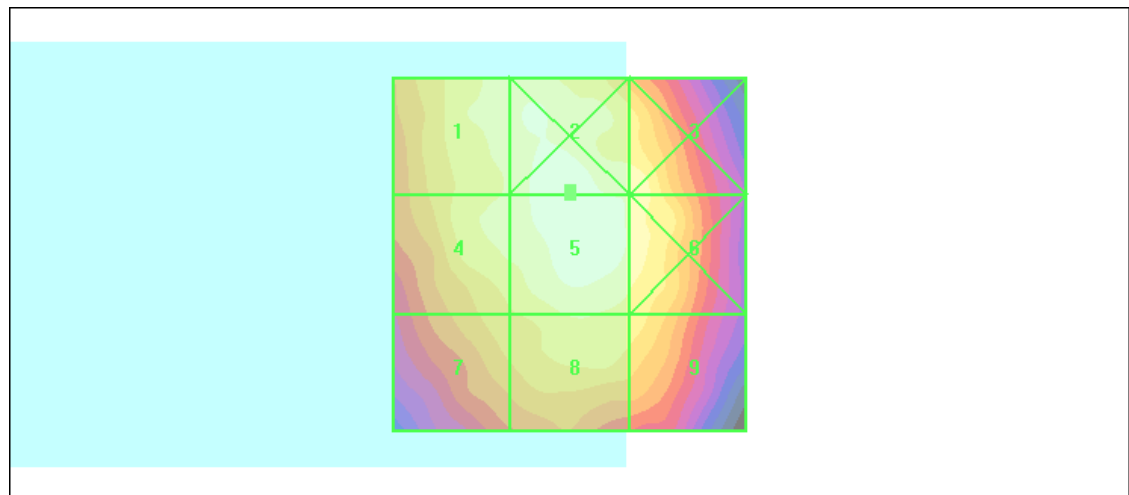
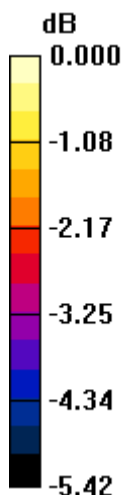
Grid 1 69.2 M4	Grid 2 73.6 M4	Grid 3 70.5 M4
Grid 4 69.1 M4	Grid 5 73.5 M4	Grid 6 70.5 M4
Grid 7 64.6 M4	Grid 8 68.0 M4	Grid 9 66.8 M4

Cursor:

Total = 73.6 V/m

E Category: M4

Location: 0, -9, 8.7 mm



0 dB = 73.6V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device_Closed

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 L-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 23.3 V/m

Probe Modulation Factor = 0.950

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 29.0 V/m; Power Drift = -0.371 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

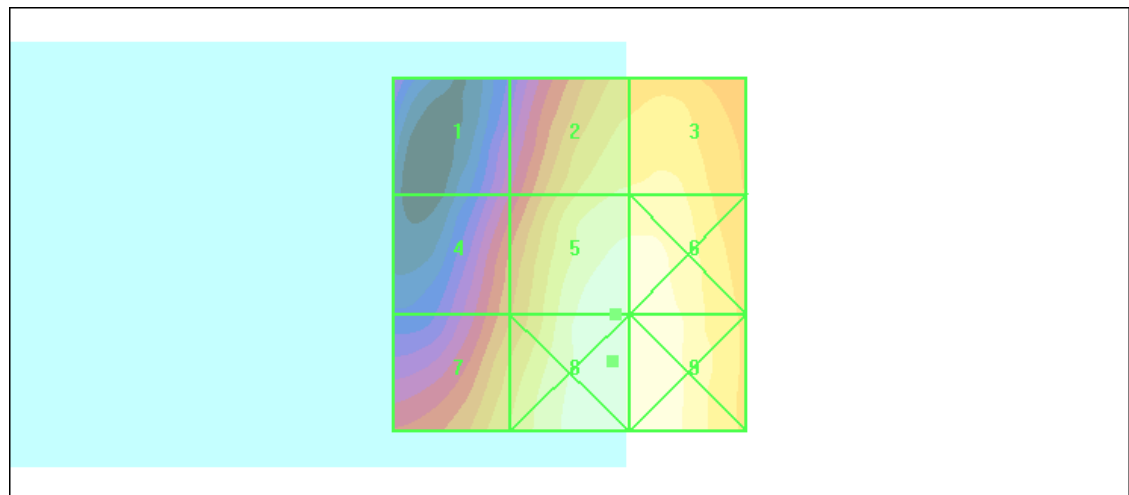
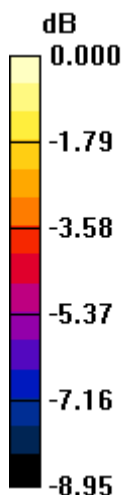
Grid 1 13.7 M4	Grid 2 20.9 M4	Grid 3 21.2 M4
Grid 4 16.7 M4	Grid 5 23.3 M4	Grid 6 23.1 M4
Grid 7 19.5 M4	Grid 8 23.7 M4	Grid 9 23.5 M4

Cursor:

Total = 23.7 V/m

E Category: M4

Location: -6, 15, 8.7 mm



0 dB = 23.7V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device_Closed

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 M-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 25.2 V/m

Probe Modulation Factor = 0.950

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 30.5 V/m; Power Drift = -0.351 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

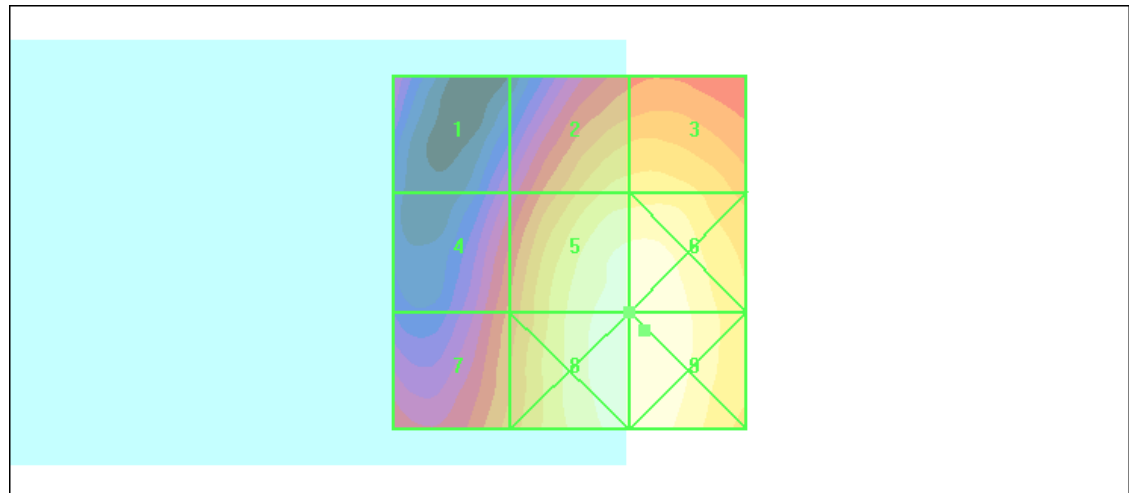
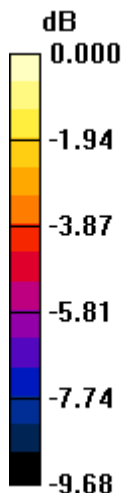
Grid 1 13.6 M4	Grid 2 21.3 M4	Grid 3 21.5 M4
Grid 4 16.8 M4	Grid 5 25.2 M4	Grid 6 25.4 M4
Grid 7 18.3 M4	Grid 8 25.4 M4	Grid 9 25.6 M4

Cursor:

Total = 25.6 V/m

E Category: M4

Location: -10.5, 11, 8.7 mm



0 dB = 25.6V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device_Closed

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 H-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 25.4 V/m

Probe Modulation Factor = 0.950

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 28.3 V/m; Power Drift = -0.648 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

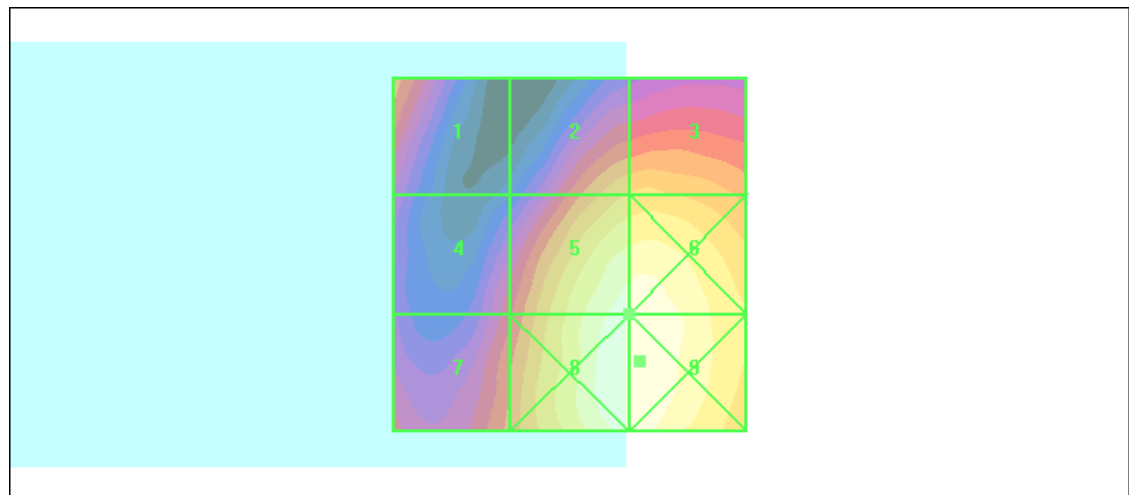
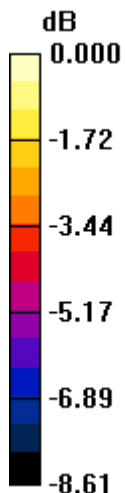
Grid 1 18.3 M4	Grid 2 20.2 M4	Grid 3 20.5 M4
Grid 4 16.2 M4	Grid 5 25.4 M4	Grid 6 25.6 M4
Grid 7 18.0 M4	Grid 8 26.0 M4	Grid 9 26.1 M4

Cursor:

Total = 26.1 V/m

E Category: M4

Location: -10, 15, 8.7 mm



0 dB = 26.1V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device_Open

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 L-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 45.2 V/m

Probe Modulation Factor = 0.950

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 53.6 V/m; Power Drift = -0.109 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

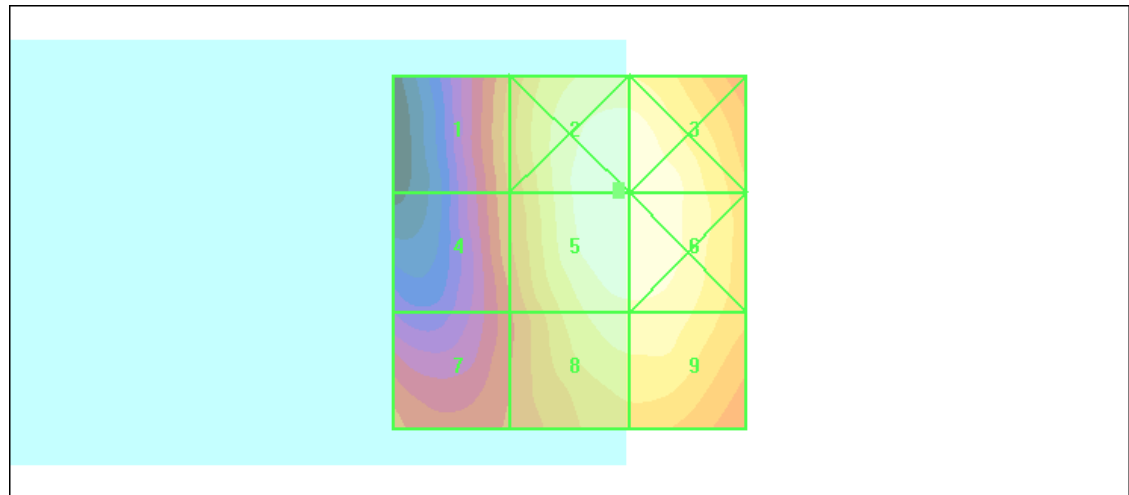
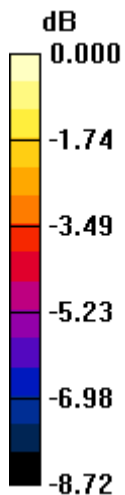
Grid 1 33.6 M4	Grid 2 45.2 M4	Grid 3 45.1 M4
Grid 4 32.7 M4	Grid 5 45.2 M4	Grid 6 45.2 M4
Grid 7 31.5 M4	Grid 8 41.6 M4	Grid 9 41.7 M4

Cursor:

Total = 45.2 V/m

E Category: M4

Location: -7, -9, 8.7 mm



0 dB = 45.2V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device_Open

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 M-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 45.7 V/m

Probe Modulation Factor = 0.950

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 56.3 V/m; Power Drift = -0.202 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

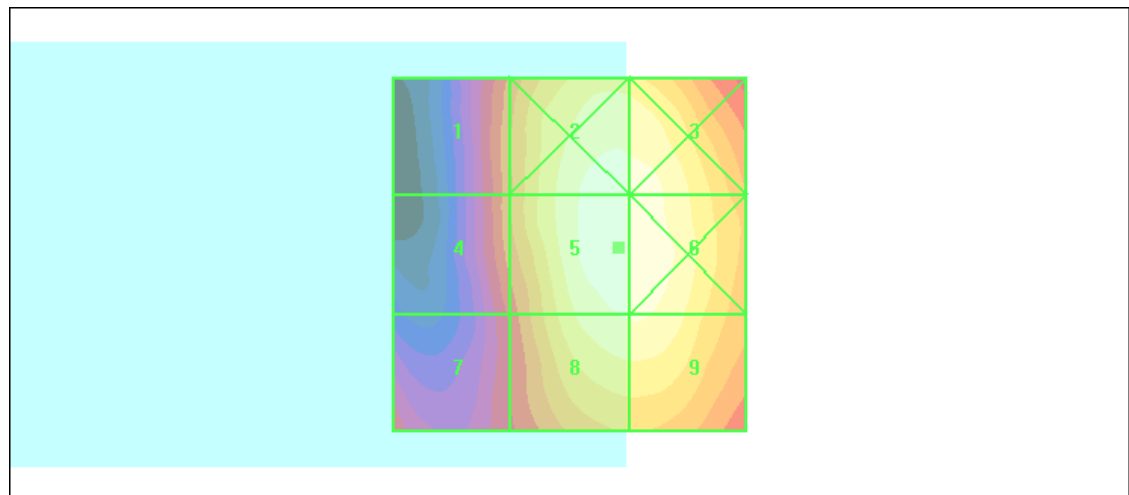
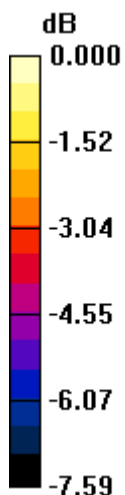
Grid 1 34.0 M4	Grid 2 44.9 M4	Grid 3 44.9 M4
Grid 4 33.8 M4	Grid 5 45.7 M4	Grid 6 45.6 M4
Grid 7 30.9 M4	Grid 8 43.4 M4	Grid 9 43.4 M4

Cursor:

Total = 45.7 V/m

E Category: M4

Location: -7, -1, 8.7 mm



0 dB = 45.7V/m

Test Laboratory: Compliance Certification Services

HAC_ER_Device_Open

DUT: Palm; Type: P100EWW; Serial: 7141

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/9/2009
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - RC3 SO55 H-ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 43.4 V/m

Probe Modulation Factor = 0.950

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 52.8 V/m; Power Drift = 0.022 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

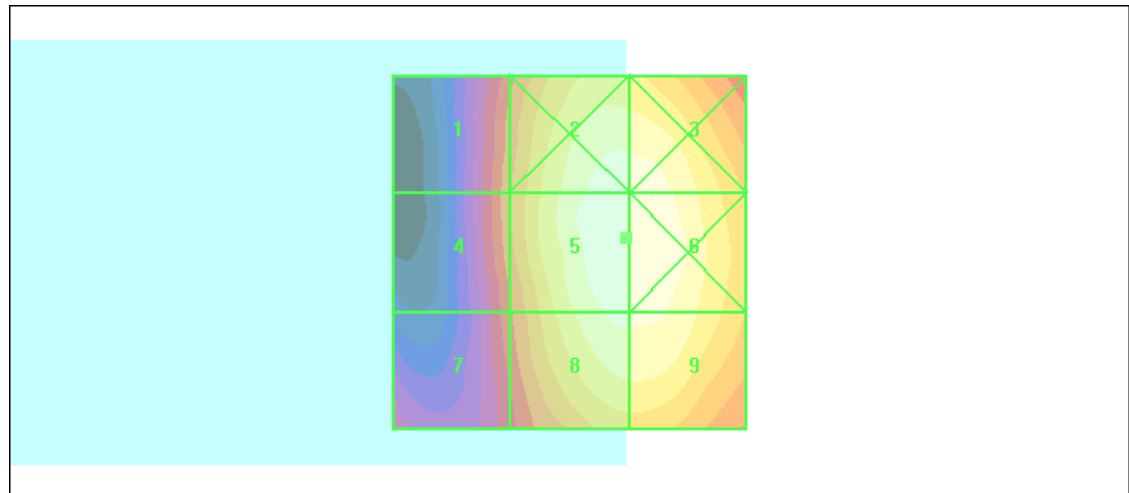
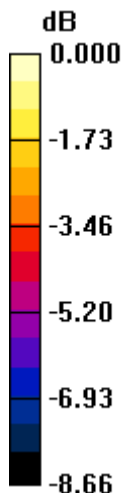
Grid 1 30.8 M4	Grid 2 42.7 M4	Grid 3 42.7 M4
Grid 4 30.9 M4	Grid 5 43.4 M4	Grid 6 43.4 M4
Grid 7 28.8 M4	Grid 8 41.3 M4	Grid 9 41.3 M4

Cursor:

Total = 43.4 V/m

E Category: M4

Location: -8, -2, 8.7 mm



0 dB = 43.4V/m